

**AMENDED CLAIMS:**

Please amend the claims as follows:

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1. A method in a data processing system for displaying versions of source code, each version reflecting an instance in an edit history, the method comprising the steps of:  
determining a language of the source code;  
storing indications of the edits to the source code;  
converting the source code with the indications of the edits from the language into a language-neutral representation;  
using the language-neutral representation to display the source code in the language with the indications of the edits; and  
using the language-neutral representation to display a corresponding graphical representation of the source code with the indications of the edits wherein the graphical representation of the source code is not merely a text representation on a user interface.

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5. The method of claim 1, wherein the graphical representation is one of the group consisting of ~~a class diagram~~, a use case diagram, a sequence diagram, a collaboration diagram, a state transition diagram, an activity diagram, a package diagram, a component diagram and a deployment diagram.

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6. A method in a data processing system for displaying versions of source code, each version reflecting an instance in an edit history, the method comprising the steps of:  
storing indications of the edits to the source code; and  
displaying the versions of the source code with the indications of the edits wherein the source code is represented graphically on a user interface in a language-neutral representation.

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11. The method of claim 10, wherein the step of displaying the versions of source code comprises the steps of:  
determining a language of the source code;  
converting the source code with the indications of the edits from the language into a language-neutral representation;  
using the language-neutral representation to display the source code in the language with the indications of the edits; and  
using the language-neutral representation to display the corresponding graphical representation of the source code with the indications of the edits, wherein the graphical representation of the source code is not merely a text representation on a user interface.

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13. A method in a data processing system for displaying versions of source code, the method comprising the steps of:  
storing an edit to the source code;  
displaying the source code and a graphical representation of the source code; and  
displaying the source code with the edit and a graphical representation of the source code with the edit, wherein the graphical representation of the source code is not merely a text representation on a user interface.

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17. A computer-readable medium containing instructions for controlling a data processing system to perform a method, the data processing system having versions of source code, each version reflecting an instance in an edit history, the method comprising the steps of:  
determining a language of the source code;  
storing indications of the edits to the source code;  
converting the source code with the indications of the edits from the language into a language-neutral representation;  
using the language-neutral representation to display the source code in the language with the indications of the edits; and  
using the language-neutral representation to display a corresponding graphical representation of the source code with the indications of the edits; wherein the graphical representation of the source code is not merely a text representation on a user interface.

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22. A computer-readable medium containing instructions for controlling a data processing system to perform a method, the data processing system having versions of source code, each version reflecting an instance in an edit history, the method comprising the steps of:  
storing indications of edits to the source code; and  
displaying the versions of the source code with the indications of the edits in a graphical representation, wherein the graphical representation of the source code is not merely a text representation on a user interface.

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29. A computer-readable medium containing instructions for controlling a data processing system to perform a method, the data processing system having source code, the method comprising the steps of:  
storing an edit to the source code;  
displaying the source code and a graphical representation of the source code; and  
displaying the source code with the edit and a graphical representation of the source code with the edit; wherein the graphical representation of the source code is not merely a text representation on a user interface.

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33. A data processing system comprising:  
a secondary storage including source code;

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a memory device including:

a program that stores indications of edits to the source code into the memory device, and that displays the source code with the indications of the edits and a corresponding graphical representation wherein the graphical representation of the source code is not merely a text representation on a user interface of the source code with the indications of the edits; and

a processor for running the program.

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40. A system for displaying versions of source code, each version reflecting an instance in an edit history, the system comprising:

means for storing indications of the edits to the source code; and

means for displaying the versions of the source code with the indications of the edits in a graphical representation, wherein the graphical representation of the source code is not merely a text representation on a user interface.